

OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE 5-5-82
 COMPLETED BY E.F. Eich
 TELEPHONE (914)526-5155

OPERATING STATUS

1. Unit Name: Indian Point Unit No. 2
2. Reporting Period: April 1982
3. Licensed Thermal Power (MWt): 2758
4. Nameplate Rating (Gross MWe): 1013
5. Design Electrical Rating (Net MWe): 873
6. Maximum Dependable Capacity (Gross MWe): 885
7. Maximum Dependable Capacity (Net MWe): 849

Notes
 NONE

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
Items 6 + 7 Summer Ratings (effective 4-22-82)

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>719</u>	<u>2879</u>	<u>68 664</u>
12. Number Of Hours Reactor Was Critical	<u>641.10</u>	<u>2781.28</u>	<u>45 102.81</u>
13. Reactor Reserve Shutdown Hours	<u>51.08</u>	<u>51.08</u>	<u>1 578.51</u>
14. Hours Generator On-Line	<u>634.22</u>	<u>2762.54</u>	<u>43 873.54</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 708 074</u>	<u>7 451 601</u>	<u>113 766 176</u>
17. Gross Electrical Energy Generated (MWH)	<u>532 820</u>	<u>2 349 090</u>	<u>35 188 406</u>
18. Net Electrical Energy Generated (MWH)	<u>509 780</u>	<u>2 254 197</u>	<u>33 538 853</u>
19. Unit Service Factor	<u>88.2</u>	<u>96.0</u>	<u>63.9</u>
20. Unit Availability Factor	<u>88.2</u>	<u>96.0</u>	<u>63.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>82.3</u>	<u>90.7</u>	<u>56.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>81.2</u>	<u>89.7</u>	<u>56.0</u>
23. Unit Forced Outage Rate	<u>11.8</u>	<u>4.0</u>	<u>9.8</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling Outage, September, 1982.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
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INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

_____ _____ _____	NA	_____ _____ _____
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247

UNIT I.P. Unit No. 2

DATE 5-5-82

COMPLETED BY E.F. Eich

TELEPHONE (914)526-5155

MONTH April 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	834
2	40
3	0
4	0
5	152
6	732
7	770
8	842
9	840
10	838
11	830
12	812
13	808
14	841
15	837
16	838

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	835
18	838
19	832
20	647
21	715
22	818
23	827
24	830
25	822
26	826
27	828
28	831
29	832
30	833
31	---

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL 1982

DOCKET NO. 50-247
 UNIT NAME I.P. Unit #2
 DATE 5-5-82
 COMPLETED BY E.F. Eich
 TELEPHONE (914) 526-5155

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
2	4/2/82	F	84.78	A	3	N/A	CH	Pump XX B	Unit Trip Due To No. 22 MBFP erratic governor control system
N/A	4/20/82	F	0	D	4	N/A	CH	Ht Exch F	Reduced Load Due To Higher than Normal S/G Chloride.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-247

Date: 5/7/82

Completed by: J. Curry

Telephone: (914) 526-5235

Indian Point No. 2 began the month of April, 1982 operating at 100% reactor power.

On Friday, April 2 at 1:40 AM, Indian Point No. 2 tripped off line due to low level in #24 Steam Generator caused by problems with the governor control system of #22 main boiler feedwater pump and #24 Steam Generator feedwater regulating valve. The unit was kept out of service over the weekend to perform necessary maintenance and repairs and returned to service on Monday, April 5 at 2:27 PM and unit output reached the maximum licensed reactor power level on April 7.

On April 20 unit output was reduced to 60% due to higher than normal chloride concentration in the steam generators caused by malfunction of the water treatment plant. The water treatment plant was shutdown and make-up water supplied from Indian Point Unit No. 3 to correct this condition until the water treatment plant could be returned to service. Unit output was returned to the maximum reactor power level on April 21 and operated at this level for the remainder of the month.

MECHANICAL AND ELECTRICAL MAINTENANCEINDIAN POINT UNIT NO. 2APRIL, 1982

<u>DATE</u>	<u>COMPONENT</u>	<u>MWR</u>	<u>MALFUNCTION</u>	<u>CORRECTIVE ACTION</u>
12/01/81	23 Charging Pump	2010189	Full speed unobtainable	Adjusted output of current to pressure converter.
12/06/81	RCS Loop RTD	2010252	Failed high	Connected redundant RTD and replaced resistance to voltage converter.
12/08/81	Saturation Meter	2020276	Erratic indication	Replaced defective resistance to current module.
1/17/82	CVCS Holdup Tank	2020753	Level Transmitter failed low.	Recalibrated Transmitter.
2/05/82	Process Radiation Monitor R 15.	2N25536	Blower will not operate	Limit switch replaced, set to proper position.
2/06/82	NIS Power Range Channel 43	2011049	Indication offscale high	Replaced isolation amplifier
2/07/82	NIS Power Range Channel 43	2011059	Erratic output	Replaced power range drawer B.
2/08/82	NIS Power Range Channel 43	2011066	Failed low	Replaced high voltage power supply.
2/15/82	Pressurizer Modulating Heaters	2021370	Heaters inoperative	Adjusted bias and gain on SCR Gate Trigger Unit.
2/19/82	NIS Power Range Channel 43	2011421	Intermittent downward reading	Reworked high voltage connector.